

Himachal Pradesh
Public Works Department

No. PW-SD-I-CTR- Tender-NIT/2021-22- 19211-12 Dated:- 21/12/21

To

The Executive Engineer (IT Cell)
Nigam Vihar Shimla.

Subject :- Publication of Tender Notice.

Jai Hind

Enclosed please find herewith the tender Notice of work as given in the Notice Inviting tender for uploading on department website as per notification Pr. Secy. (PW) to the Govt. of Himachal Pradesh letter No. PBW (B)A(3)1/2020 dated Shimla-2 the 16th July 2021 as the works mentioned in the tender notice are urgent in nature and in public interest.

DA:- Notice Inviting Tender & Schedule of Quantity and Certificate.

Shubh
Executive Engineer,
Shimla Division No-1.,
HPPWD Shimla-3.

Copy forwarded to for further necessary action please.

1. The Superintending Engineer 4th Circle HPPWD Shimla .

Shubh
Executive Engineer,
Shimla Division No-1.,
HPPWD Shimla-3.

**HIMACHAL PRADESH
PUBLIC WORKS DEPARTMENT
NOTICE INVITING TENDERS**

Executive Engineer B&R Division No-I HPPWD Shimla for the following works on behalf of the Government of Himachal Pradesh from the eligible contractors enlisted in HPPWD, so as to reach in the office as per time schedule given below:-

1. Date of receipt of application for tender forms:-	29-12-2021 upto 4:00 PM
2. Dated of Issue /sale of tender forms:-	30-12-2021 upto 4:00 PM
3. Date of receipt of tender:-	31-12-2021 up to 10:30 AM
4. Date of opening of tender:-	31-12-2021 up to 11:00 AM

Sr. No.	Name of Work	Estimated cost	EMD(Rs.)	Cost of Tender (Rs.)	Time Limit	Eligible class of Contractor
1	A/R & M/O to various residence quarter at Brock Hurst Shimla-2 (SH:- Providing and fixing steel Jafri , polycarbonate sheet and minor repair work in House No.4 Type-VIII at Brock Hurst).	399526/-	8000/-	350/-	30 days	Class-D
2	A/R & M/O to various residence quarter under Kasumpti Sub Division No-VIII Shimla-9 (SH:- Providing and fixing Zebra Blinds, Curtains PVC flooring and cushions in type-VI set no.2, Type-III set No.13 cottage No.17 and 15 at Brock Hurst Kasumpti Shimla-9).	98862/-	2000/-	350/-	30 days	Class-D
3	Providing of parking for vehicles of patients, visitors and staff New MH-1 Complex Sanjuli (SH:- Earth filling behind the Retaining wall).	295050/-	5900/-	350/-	30 days	Class-D
4	A/R & M/O to Type-I to VI Qtrs at Mehli Kasumpti Shimla-9 (SH:- Providing and fixing outside steel stair, repair of toilet, path & kitchen etc set No.12 Type-VI at Mehli Kasumpti Shimla-9).	153019/-	3100/-	350/-	60 days	Class-D
5	A/R & M/O to type-I to Type-VI at Mehli Kasumpti Shimla (SH:- P/F Cup board in kitchen and Room set No.19 Type-II Mehli Kasumpti).	96392/-	2000/-	350/-	60 days	Class-D
6	Construction of link road to Heli pad road km. 0/00 to 0/300 (SH:- Providing Apex paint on the wall and road leading to Heli pad).	229055/-	4600/-	350/-	30 days	Class-D
7	A/R & M/O to various residential quarter at Kasumpti Shimla-9 (SH:-Renovation of toilet in House No.1 Ground floor and minor repair work in House No.2 First floor at Brock Hurst Kasumpti Shimla-9).	260786/-	5600/-	350/-	60 days	Class-D
8	A/R & M/O various type-III & IV GAD at Parimahal Kasumpti Shimla-9 (SH:- P/L floor & wall tiles , accessories, etc in type-III set no.19 under parimahal section).	63893/-	1300/-	350/-	60 days	Class-D

It is certified that the above works are required to be carried out immediately being emergent nature of work in public interest.

The tender documents shall be issued only to those contractor/Firm who fulfill the following documents with the application.

1. The valid enlistment/Registration of contractor in Appropriate Class.
2. Permanent account No. (PAN NO).
3. G.S.T No.
4. Earnest Money in the shape of National saving certificate/time deposit account in the any of the post office in HP, F.D.R from any Nationalized Bank duly pleaded in favour of the Executive Engineer Shimla Division No-I HPPWD Shimla.
5. The earnest & cost of tender form for the above works should be submitted with the application for the purchase of the tender form . The application received without earnest money & cost of tender form shall summarily be rejected.
6. The officer of the tender shall remain valid up to 75 days after the opening of tender.
7. Ambiguous/telephonic /conditional tenders or tender by fax/E mail shall not be considered and will be summarily be rejected.
8. Executive Engineer reserve the right to reject or cancel any or all tenders without assigning any reasons.
9. If the date given above happens to be holiday the same shall be processed on next working day.
10. The Contractor/firms must quote their rates in words as well as in figures failing which EXN reserve the right to accept/reject any or all tenders.
11. The tender forms shall not be issued to those contractors/firms whose previous performance is not found satisfactory and who have not executed the previous awarded works within the stipulated period of completion.
12. One contractor shall not have more than two major works in hand at a time.
13. Work should be completed by the contractor within stipulated period.

No.PW-SD-I/CB-Tender/21-22-
Copy forwarded to :-

19213-20

1. Copy to the Deputy Commissioner Shimla Distt. Shimla.
2. Copy to the Executive Engineer Shimla Division No-III HPPWD Shimla.
3. Copy to the Sub Divisional Magistrate (U) Shimla.
4. Copy to the Sub Divisional Magistrate (R) Shimla.
5. Copy to Municipal committee Shimla Distt. Shimla.
6. Copy to Block Development officer Mashobra Distt. Shimla.
7. All the Assistant Engineers under this Division, HPPWD Shimla-3.
8. Superintendent / HDM /DAO.
9. Notice Board.

Executive Engineer,
Shimla Division No-I,
HPPWD, Shimla-3.

Dated :-

21/12/21

Executive Engineer,
Shimla Division No-I,
HPPWD, Shimla.

SCHEDULE OF QUANTITY

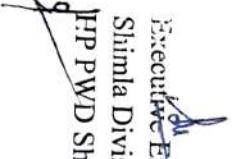
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.

Name of Work :-A/R & M/O to various residence quarter at Brock Hurst Shimla-2 (SH: Providing and fixing

steel Jafri, Polycarbonate sheet and minor repair work in House No.4 Type-VIII at Brock Hurst).

**Estimated Cost:- 3,99,526.00
Earnest Money :- 8,000.00
Time:- 30 Days.**

Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Steel work welded in built up sections/ framed work, including cutting, hoisting, fixing in position and applying a priming coat of approved steel primer using structural steel etc. as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) In gratings, frames, guard bar, ladder, railings, brackets, gates and similar works	1918.08	Kg.		Per Kilogram	
2	Providing and fixing polycarbonated transparent sheet 2mm thick in roofing with galvanised J or L hooks bolts and nuts with G.I. impet and bitumen rubber washer complete with all accessories as required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	81.00	Sqm		Per Square Metre	
					Total	


Executive Engineer,
Shimla Division No.1,
H.P PWD Shimla-3.

SCHEDULE OF QUANTITY

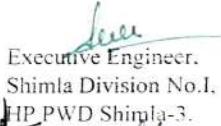
Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-1, H.P.P.W.D., SHIMLA-3.
 Name of Work :- AIR & M/O to various residence quarter under Kasumpi Sub-Division No.VIII Shimla-9
 (SH) : Providing and fixing Zebra Blinds, Curtains, PVC flooring and specific including
 set No.13 , Cotage No.17 and 15 at Brock Hurst Kasumpi Shimla-9.
 Estimated Cost:- 98,862.00
 Earliest Month :- 2,000.00
 Time:- 30 Days.

No.	Descrption of Work / Item (S)	No. of Qty.	Estimated Rate	Unit	Amount
1	Providing and fixing Zebra Blinds of superior quality in all shade and color of carthage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.95	Sqm	Per Square Metre	
2	Supplying and fixing Cushion 18"X43"3" with leather cover complete carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No	Each	
3	Supplying and fixing Cushion 22"X43"3" with leather cover complete carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No	Each	
4	Supplying and fixing Cushion 72"X18"3" with leather cover complete carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No	Each	
5	Providing and fixing 1.50mm(One point five zero millimetre) thick PVC anti-static vinyl flooring plain or coloured,carbed or mosaics/metallic finish laid with adhesive on sub-floor(damp proofing treatment to be paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	28.00	Sqm	Per Square Metre	
6	Providing and fixing cotton curtain of superior quality fabric of standard width 48" of approved design and shape with stain lining of superior quality fabric with specified length and width including stitching tape and curtain rings etc. stitched length including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)	29.00	Nos	Each	
7	Providing and fixing 25mm diameter stainless steel (superior quality) curtain rods with brackets and golden plugs etc. while ever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	12.00	Rmt	Per Rounding Metre	

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.		Estimated Cost:- 2,95,050.00
Name of Work :- Providing of Parking for vehicles of Patients, Visitors and staff New MH-1 complex Sanjauli (SH: Earth filling behind the Retaining Wall).		Earnest Money :- 5,900.00
		Time:- 30 Days.

Sr. No	Description of Work / Item (S)	No.of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Filling in foundation trenches as per drawing and technical specification Clause 305.3.9 Earth filling (For marshy soil) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1050.00	Cum		Per Cubic Metre	
					Total	

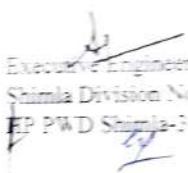

 Executive Engineer,
 Shimla Division No.I,
 H.P.PWD Shimla-3.

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.		Estimated Cost:- 1,53,019.00
Name of Work :- A/R & M/O to Type-I to VI Qtrs. at Mehli Kasumpti Shimla-9 (SH: Providing and fixing outside steel stair , repair of Toilet, Path & Kitchen etc. set No.12 Type-VI at Mehli Kasumpti Shimla-9).		Earnest Money :- 3,100.00
		Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Steel work welded in built up sections, trusses and framed work including cutting hoisting fixing in position and applying a priming coat of red lead paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) In gratings, framed guards bars ladders, railing, brackets and similar work.	449.52	Kgs.		Per Kilogram.	
2	Brick work with common burnt clay machine moulded F.P.S. (non modular) bricks of class designation 12.5 in exposed brick work including making horizontal and vertical grooves 10 mm wide 12 mm deep complete in cement mortar 1:6 (1 cement : 6 coarse sand) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)From ground level upto plinth level	0.53	Cum		Per Cubic Metre	
3	15mm cement plaster on rough side of single or half brick wall of mix including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Cement Mortar 1:4(1cement:4 coarse sand)	4.62	Sqm		Per Square Metre	
4	Providing and fixing one piece construction white vitrious china Squating pan in approved quality and brand including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make EWC IPC ELEMENT (S) 220 92084	3.00	Nos		Each	
5	Providing and fixing 600mm x 120mm glass shelf with C.P. Brass brackets and guard rail complete, fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.00	Nos		Each	
6	Providing and fixing vitreous China wash down, water closet (European type. W.C. pan) with integral 'P' or 'S' trap including jointing the trap with soil pipe in cement mortar 1:1(1cement:1 sand) (Seat and over to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Ordinary closet MAKE CERA MODEL CONVENTIONAL.	1.00	Nos		Each	

7	Providing and fixing single lever basin mixing faucet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm Make ESS ESS & its equivalent.	1.00	Nos			Each
8	Providing and fixing hand jet faucet including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.00	Nos			Each
						Total


 Executive Engineer
 Shimla Division No.1
 EP PWD Shimla-3


SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.
Name of Work :- A/R & M/O to Type-I to Type-VI at Mehli Kasumpti Shimla (SH: P/F Cup board in Kitchen and Room set No.19 Type-II Mehli Kasumpti).

Estimated Cost:- 96,392.00
 Earnest Money :- 2,000.00
 Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Providing & fixing wood work in frames of doors, windows, clerestory windows and other frames wrought framed and fixed in position including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (a)2nd class Deodar wood.	0.20	Cum		Per Cubic Metre	
2	Providing and fixing 19mm (Nineteen millimetre) thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	14.95	Sqm		Per Square Metre	
3	Providing and fixing 19mm (Nineteen millimetre) thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	5.56	Sqm		Per Square Metre	
4	Providing and fixing 1.00mm (One point zero millimetre) thick coloured or plain lamination sheet (sunmica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	5.56	Sqm		Per Square Metre	
5	Providing and fixing Ply wood lining with butt jointing and wood screws or nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 6 mm (nine millimetre) thick.	7.56	Sqm		Per Square Metre	
6	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	17.00	Nos		Each	
7	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 100mm (One hundred millimetre).	11.00	Nos		Each	
8	Providing and fixing square edges cover fillets (beading) 19mmx6mm (Nineteen millimetre into six millimetre) section including mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (a)1st class Indian teak wood	15.60	Rmt		Per Running Metre	

9	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)Ready mixed paint brushing wood primer pink.	39.06	Sqm	Per Square Metre
10	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) With white enamel paint.	39.06	Sqm	Per Square Metre
11	Distempering with oil bound washable distemper of approved brand and manufacture to give an even shade including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge (i)New work (two or more coats) over and including water thinnable priming coat with cement primer.	80.21	Sqm	Per Square Metre
				Total

Executive Engineer,

Shimla Division No.1.

HP PWD Shimla-3.

NAME OF WORK: -Construction of ~~Omukya~~ ~~Pass~~ to Helpad road Km. 0/00 to 0/300 (SH:- Providing Apex paint on the Wall and road leading to Helpad)

SCHEDULE OF QUANTITIES

ESTIMATED COST:Rs.2,29,055/-only
EARNEST MONEY :Rs 4,600/-only

TIME ALLOWED: One Month.

Sr. No.	Description	Qty.	Rates in		Unit	Amount
			Figs	Words		
2	3	4	5	6	7	
1.00	Removing of dry or oil bound distemper by washing and scrapping and sand ppering the wall surface smooth including necessary repair to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge	1558.20	Sq m.	Per Square Metre	Per Square Metre	
2.00	Applying priming coat on new concrete/masonry/asbestos cement/plastered surfaces after and including preparing the surface by thoroughly cleaning oil,grease,dirt and other foreign matter and sand papering as required with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) Readymixed primer	1558.20	Sq m.	Per Square Metre	Per Square Metre	
3.00	Applying a coat of Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign mattetts sand papered smooth to give final matter finish to the surface complete including carriage of materials upto all leads and lifts.	467.46	sqm	Per Square Metre	Per Square Metre	
4.00	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarlied on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly cleaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1558.20	Sq m	Per Square Metre	Per Square Metre	
	Providing scaffolding for all kinds of work in external sides of building with 40 mm diametre G.I. pipes complete in all respect including carriage of materials in all leads and lifts as per the direction of Engineer-in-Charge M.S. pipe 40 mm dia.	303.44	Sq m	Per Square Metre	Per Square Metre	
				Total	0	

Executive Engineer,
Shimla Division No.1,
HP PWD SHIMLA-3.

SCHEDULE OF QUANTITY

Tender inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.
Name of Work :- A/R & M/O to various residential quarter at Kasumti Shimla-9 (SH: Renovation of Toilet in House No.1 Ground floor and minor repair work in House No.2 First floor at Brock Hurst Kasumti Shimla-9)

Estimated Cost:- 2,60,786.00
Earnest Money :- 5,600.00
Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No. of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Dismantling tiled floors laid in mortar upto all floor level including stacking of serviceable materials and disposal of un-serviceable materials and disposal of un-serviceable materials within 20 mtrs.(Twenty metres)lead (wooden/concrete joists to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) For thickness of tiles upto 25mm(Twenty millimetre)	21.18	Sqm		Per Square Metre	
2	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) Nominal concrete 1:3:6 or richer mix (i/c equivalent design mix).	0.43	Cum		Per Cubic Metre	
3	Demolishing R.C.C. work manually/ by mechanical means including stacking of steel bars and disposal of unserviceable material within 50 metres lead as per direction of Engineer - in-Charge.	0.07	Cum		Per Cubic Metre	
4	Demolishing brick work manually/ by mechanical means including stacking of serviceable material and disposal of unserviceable material within 50 metres lead as per direction of Engineer-in-Charge. (i) In cement mortar.	0.07	Cum		Per Cubic Metre	
5	Taking out doors, windows and clerestory window shutters (steel or wood) including stacking within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(D) Of area 3 sq. metres and below	2.00	Nos		Each	
6	Dismantling old plaster or skirting raking out joints and cleaning the surface for plaster including disposal of rubbish to the dumping ground within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	7.50	Sqm		Per Square Metre	
7	Disposal of building rubbish / malba/ similar unserviceable, dismantled or waste materials by mechanical means, including loading, transporting, unloading to approved municipal dumping ground or as approved by Engineer-in-charge, beyond 50 m initial lead, for all leads including all lifts involved.	1.06	Cum		Per Cubic Metre	
8	Providing and laying Kavaria Eternity ceramic tiles in grey/coloured of required shade in skirting risers of steps and caddos on 12mm thick cement mortar 1:3 (cement:3 sand) laid over and jointed with neat cement slurry finished with flush pointing in white cement mixed with pigment of required shade to match the shade of tiles complete shade No.17607 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	16.20	Sqm		Per Square Metre	

				Per Square Metre
9	Providing and laying vitrified floor tiles in different sizes (thickness to be specified by the manufacturer) with water absorption less than 0.08% and conforming to IS: 15622, of approved make, in all colours and shades, laid on 20mm (twenty millimetre) thick cement mortar 1:4 (One cement : four coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.(i) Size of tile 600x600mm (six hundred into six hundred millimetre)	4.98	Sqm	
10	Providing and fixing to wall ceiling and floor galvanised mild steel tubes (medium grade) tube fittings and clamps including making good the wall ceiling and floor including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 15mm(fifteen millimetre) nominal bore.	18.00	Rmt	Per Running Metre
11	Providing and fixing PVC floor trap of self cleaning design with sand cast iron screwed down or hinged grating without vent arm complete including cost of cutting and making goods the wall and floors including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. i) 75mm nominal diameter.	3.00	Nos	Each
12	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a)10 mm dia.	6.00	Rmt	Per Running Metre
13	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)10 (one hundred ten millimetre) mm dia	2.00	No	Each
14	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)10 (one hundred ten millimetre) mm dia	2.00	No	Each
15	Providing and fixing C.P. brass waste for wash basin or sink including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a)32 mm(thirty two millimetre) dia	1.00	No	Each
16	Providing & fixing 32 mm (thirty two millimetre) dia, PVC waste pipe for wash basin or sink including check nut including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No	Each
17	Providing and fixing 100mm C.P. grating for gully, floor or Nahni trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	4.00	Nos	Each
18	Providing and fixing PVC connection with brass unions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 450mm length (i) 15mm nominal bore.	3.00	Nos.	Each
19	Providing and fixing Table top wash basin Model cat No. Duravit Foster Wash Basin starwhite including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No	Each

20	Providing and fixing vitreous china wash down water closet (European type W.C. pan) with integral P or S strap including jointing the trap with soil pipe in cement mortar 1:1 (One cement:one sand) (seat and cover to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Wall hung seat Duravit model- Durastyle 255209 with soft close seat cover and all.	1.00	No		Each
21	Providing and fixing concealed cistern with plate complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make Grohe framed concealed cistern.	1.00	No		Each
22	Providing and fixing upper single lever concealed diverter high flow and regular flow 40mm (push type) ALDV1110 and singler lever concealed diverter body high flow (push type) B2DV202 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each
23	Providing and fixing Bath tub spout including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat No.ALSP 101.	1.00	No		Each
24	Providing and fixing over head rain shower including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESSESS catg No.RF-206 RFS Square.	2.00	Nos		Each
25	Providing and fixing shower arm including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat No.SH-108N	1.00	No		Each
26	Providing and fixing Health faucet with pipe and hooke including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat No.C-232N Pura	1.00	No		Each
27	NXT HF with rub it clean feature.	1.00	No		Each
28	Providing and fixing Bib cock 2 in 1 (Foam Flow) with wall flange including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat ALBC 102.	5.00	Nos		Each
29	Providing and fixing Angle cock with wall flange including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat ALAC101.	1.00	No		Each
30	Providing and fixing C.P. Brass towel bracket complete fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make ESSESS cat No.AC-101	1.00	No		Each
31	Providing and fixing C.P. Brass towel ring complete fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat No.AC-102.	1.00	No		Each
32	Providing and fixing Chromium plated brass soap dish with C.P. brass brackets fixed to wooden plug with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. make essess cat No.AC-103	2.00	Nos		Each
33	Providing and fixing Paper Holder complete fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. including carriage of materials in all leads and lifts make essess cat No.AC-106	1.00	No		Each
	Providing and fixing 15mm mixer for kitchen sink with top/ bottom swinging spout wall mounted including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make essess cat No.DE-12				

34	Providing and fixing concealed upper including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each
35	Providing and fixing basin mixer with 450mm long flexible hose complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each
36	Providing and fixing Viking Glass corner complete fixed to wooden plugs with C.P. brass including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.00	Nos		Each
37	Providing and fixing aluminium handles anodized transparent or dyed to required colour & shade with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 125 mm	4.00	Nos		Each
38	Providing and fixing anodized aluminum sliding door bolts anodized colour and shade with bolts and nuts screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 250x16mm.	1.00	No		Each
39	Providing and fixing aluminum tower bolts(barrel type)anodized transparent or dyed to required shade and colour with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. a) 200x10mm	2.00	Nos		Each
40	Providing and fixing Hydraulic door closer with nuts and screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No		Each
41	Providing and fixing moulded triangle edged cover fillets (corner)40mmx20mm section with wood screws in ceiling and lining including mitring at junctions including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 1st class kail wood	4.00	Rmt		Per Running Metre
42	Providing and fixing G.i. union in existing G.I. pipe line, cutting and threading the pipe and making long screws, including excavation, refilling the earth or cutting or wall and making good the same complete wherever required including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 1.5mm nominal bore.	2.00	Nos		Each
43	Providing and fixing gun metal gate valve with C.I. wheel of approved quality (screwed end)including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 15mm nominal bore.	1.00	No		Each

44	Providing and fixing bright finished or/and black enamelled iron (Helical door spring 150mm) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Nos			Each
45	Providing and fixing bright finished brass handles with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	8.00	Nos			Each
	i) 100mm					
46	Providing and fixing 19mm thick water proof commercial board in shelves/box for cup board with butt joints & fixing with nails & screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	5.04	Sqm			Per Square Metre
47	Providing and fixing ply wood lining with but jointing and nails (frame work and cover fillets to be measured and paid for separately) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.84	Sqm			Per Square Metre
	a) 6mm thick.					
48	Providing and fixing 19mm thick commercial board water proof shutters for cup boards including fixing with nickel plated piano hinges with screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	0.84	Sqm			Per Square Metre
49	Providing and fixing magnetic Catchers ISI marked with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	6.00	Nos			Each
50	Providing and fixing square edges cover fillets (beading) 19mmx6mm section i/c mitring at junctions with wood screws and nails complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	20.00	Rmt			Per Running Metre
	a) 1st class Indian teak wood					
51	Providing and fixing 1.00mm thick coloured or plain lamination sheet (sunnica) on boards/ply wood sheets with approved adhesive and nails etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	3.36	Sqm			Per Square Metre
52	Providing and fixing granite top designer vanity for wash basin with full cover including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Nos			Each
	carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.					
	(i) 48" x 24".					
53	Providing flushing 38cm. overall in plain G.I. sheet fixed with galvanised iron. J or L hooks, bolts and nuts, G.I. limpet washer and bitumen washers complete bent to shape and fixed in walls with cement mortar 1:3 (1 cement : 3 sand) including carriage of materials upto all leads and lifts and as per the direction of Engineer-in-Charge.	5.00	Rmt			Per Running Metre
	(i) 0.63mm thick sheet.					

54	Removing dry or oil bound distemper by washing and scraping and sand papering the wall surface smooth including necessary repairs to scratches complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm	Per Square Metre
55	Applying Birla white wall care putty over plaster surface after thoroughly brushing the surface free from mortar drops, dust, loose materials and other foreign matters sand papered smooth to give final matter finish to the surface complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm	Per Square Metre
56	Painting one coat (excluding priming coat) on previously painted steel and other metal surfaces with enamel paint brushing to give an even shade including cleaning the surface of all dirt, dust and other foreign matter including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) With white enamel paint	50.00	Sqm	Per Square Metre
57	Extra over item No. 56 for every subsequent coat of paint including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) With white enamel paint	25.00	Sqm	Per Square Metre
58	Finishing wall with weather proof exterior grade emulsion of approved design (Apexultima) or its equarried on undecorated wall surfaces (two coats) to give an even shade and final finish after thoroughly leaning the surface to remove all dirt, dust and other foreign matter etc including sand paper smooth complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	250.00	Sqm	Per Square Metre
59	Polishing two coats with malamine polish of required shade on new wood and wood based surfaces to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm	Per Square Metre
60	Removing old paint or polish from wood and wood based surfaces with paint remover of approved brands and manufacture and making the surface even with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Paint remover of approved brand and manufacture .	50.00	Sqm	Per Square Metre
61	Applying spirit or oil stains (any colour) on wood and wood based surfaces to given an even surfaces including cleaning the surfaces of all dirt,dust and sand papering so as to produce a smooth dry and matt surface including stopping & knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm	Per Square Metre
62	Applying three coat of sealer filling on new wood and wood based surface to give an even surface including cleaning the surface of all dirt, dust and sand papered smooth and including a coat of wood filler including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	100.00	Sqm	Per Square Metre

					Per Square Metre
63	Applying priming coat on new concrete/masonry/asbestos cement/plastered surfaces after and including preparing the surface by thoroughly cleaning oil,grease,dirt and other foreign matter and sand papering as required with including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)Readymixed primer	100.00	Sqm.		
64	Applying priming coat over new wood and wood based surfaces after and i/c preparing the surface by thoroughly cleaning oil, grease dirt and other foreign matter sand papering and knotting including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a)Ready mixed paint brushing wood primer pink.	50.00	Sqm		Per Square Metre
65	Painting two coats (excluding coat) on new wood and wood based surface with enamel paint to give an even shade including cleaning the surface of dirt, dust and other foreign matter, sand papering & stopping including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) With white enamel paint.	50.00	Sqm		Per Square Metre
66	Painting two coats (excluding priming coat)on new steel and other metal surfaces with enamel paint, brush in to give an even shade i/c cleaning the surface of all dirt, dust and other foreign maters including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) Enamel paint other than white.	50.00	Sqm		Per Square Metre
67	Providing and fixing 5mm looking mirror with 9mm thick back ply. Decorative molding complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	Sqm		Per Square Metre
				Total	

DNIT approved for Rs.2,60,786/- Only (Rupees Two lac sixty thousand seven hundred eighty six only) vide DNIT Register Sr.No..... the financial year 2021-22.


 Executive Engineer,
 Shimla Division No.I
 HPPWD Shimla-5.

SCHEDULE OF QUANTITY

Tender Inviting Authority : EXECUTIVE ENGINEER SHIMLA DIVISION No-I, H.P.P.W.D., SHIMLA-3.

Name of Work :- A/R & M/O various Type-III & Type-IV GAD at Parimahal, Kasumpti, Shimla-9(SH: P/L floor & wall-tiles, accessories, etc. in Type-III set No.19 under Parimahal Section).

**Estimated Cost:- 63,893.00
Earnest Money :- 1,300.00**

Time:- 60 Days.

Sr. No	Description of Work / Item (S)	No.of Qty.	Estimated Rate		Unit	Amount
			In figures	In words		
1	Demolishing cement concrete manually/ by mechanical means including disposal of material within 50 metres lead as per direction of Engineer - in - charge. (i) Nominal concrete 1:4:8 or leaner mix (i/c equivalent design mix)	0.11	Cum		Per Cubic Metre	
2	Dismantling tile work in floors and roofs laid in cement mortar including stacking material within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i)For thickness of tiles 10 mm to 25 mm	3.60	Sqm		Per Square Metre	
3	Dismantling doors, windows and clerestory windows (steel or wood) shutter including chowkhats, architrave, holdfasts etc. complete and stacking within 50 metres lead including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Of area 3 sq. metres and below	1.00	Nos		Each	
4	Providing and laying in position cement concrete of specified grade excluding the cost of centering and shuttering - All work up to plinth level including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(i) 1:3:6 (1 Cement : 3 coarse sand) : 6 graded stone aggregate 20 mm nominal size) (ii) 1:2:4(1 cement:2 coarse sand:4 graded stone aggregate 20mm nominal size)	0.11	Cum		Per Cubic Metre	
5	(iii) 1:1½:3 (One cement : One and half sand : Three graded stone aggregate 20mm (Twenty mm) nominal size)	0.01	Cum		Per Cubic Metre	
5	Providing and laying rectified Glazed Ceramic floor tiles of size 300x300 mm or more (thickness to be specified by the manufacturer), of 1st quality conforming to IS : 15622, of approved make, in colours White, Ivory, Grey, Fune Red Brown, laid on 20 mm thick cement mortar 1:4 (1 Cement: 4 Coarse sand), jointing with grey cement slurry @ 3.3 kg/sqm including grouting the joints with white cement and matching pigments etc., complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	2.80	Sqm		Per Square Metre	

6	Tile work in skirting, risers of steps and dado up to 2 m (two metre) height over 12 mm(twelve millimetre) thick bed of cement mortar 1:3 (One cement :three coarse sand) and jointed with grey cement slurry @ 3.3 kg/sqm, including pointing in white cement mixed with pigment of matching shade complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge. (i) 8mm (eight millimetre) thick	11.79	Sqm	Per Square Metre
7	Providing and fixing 100 mm sand cast iron grating for gully trap including carriage of materials in all leads and lifts as per directions of the Engineer-in-charge.	1.00	No	Each
8	Providing and Fixing C.P. Brass Towel ring complete with C.P. Brass brackets fixed to wooden plugs with C.P. brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 600mm long towel rail with total length of 645mm, width 78mm and effective height of 88mm weighing not less than 88 gms.	1.00	No	Each
9	Providing and fixing PTMT towel ring trapezoidal shape 215 mm long, 200 mm wide with minimum distances of 37 mm from wall face with concealed fittings arrangement of approved quality and colour, weighing not less than 88 gms. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No	Each
10	Providing and fixing 600x450mm beveled edge mirror of superior glass(of approved quality) complete with 6mm thick hard board ground fixed to wooden cleats with C.P. brass screws and washers complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No	Each
11	Providing and fixing chromium plated brass soap dish with C.P. Brass brackets fixed to wooden cleats with C.P. Brass screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. Make Seiko or Equivalent	1.00	No	Each
12	Providing and fixing C.P. Brass bib cock of approved quality conforming to IS: 8931 including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm nominal bore.	1.00	No	Each
13	Providing and fixing unplasticised P.V.C. connection pipe with PTMT Nuts, collar and bush of approved quality and colour including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15mm nominal bore with 45cm length.	2.00	Nos	Each
14	Providing and fixing P.V.C. waste pipe for sink or wash basin including P.V.C. waste fittings complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Flexible pipe (a) 32mm dia	2.00	Nos	Each
15	Providing and fixing 600x120x5mm glass shelf with edges round off, supported on anodised aluminium angle frame with C.P. brass brackets and guard rail complete fixed with 40mm long screws, rawl plugs etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.	1.00	No	Each
16	Providing and fixing C.P. brass angle valve for basin mixer and geyser points of approved quality conforming to IS:8931 including carriage of materials in all leads, and lifts as per directions of the Engineer-in-Charge.(i)15mm nominal bore	3.00	Nos	Each

17	Providing and fixing G.I. pipes complete with G.I. fittings and clamps, i/c cutting and making good the walls etc. including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15 mm dia nominal bore	3.00	Rmt		Per Running Metre
18	Providing and fixing G.I. Union in G.I. pipe including cutting and threading the pipe and making long screws etc. complete (New work) including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 15 mm nominal bore	1.00	No	Each	
19	Providing and fixing high pressure PVC spigot and socket, waste and ventilating pipes ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 90mm dia	7.00	Rmt	Per Running Metre	
20	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 90mm dia	1.00	No.	Each	
21	Providing and fixing PVC collars ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 90 mm dia	2.00	No.	Each	
22	Providing and fixing PVC plain bend ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 90 mm dia	2.00	No.	Each	
23	Providing and fixing PVC reducer ISI marked including jointing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110x90 mm dia	1.00	No.	Each	
24	Providing and fixing PVC floor trap ISI marked of self cleaning design including fixing with approved adhesive, cost of cutting and making good the wall and floors etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 110 mm X 90 mm	1.00	No.	Each	
25	Providing and fixing PVC single equal branch plain ISI marked including fixing with approved adhesive etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 90 mm dia.	1.00	No.	Each	
26	Providing and fixing panelled glazed or panelled and glazed shutters for doors windows and clerestory windows. Including black enamelled iron butt hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (a) 40mm thick i) 2nd class deodar wood	1.76	Sqm	Per Square Metre	
27	Providing and fixing wire gauge shutters using galvanised M.S. wire gauge of 1.5 gauge designation 85 G. with wire of dia 0.56 mm for doors windows and clerestory windows including bright finished black enamelled iron hinges with necessary screws including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 40mm thick 2nd class deodar wood	1.03	Sqm	Per Square Metre	

28	Providing and fixing aluminium tower bolts, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) 150x10mm (ii) 200x10mm	8.00	Nos		Each
29	Providing and fixing aluminium handles, ISI marked, anodised (anodic coating not less than grade AC 10 as per IS : 1868) transparent or dyed to required colour or shade, with necessary screws etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 125mm	4.00	Nos	Each	Each
30	Providing and fixing bright finished brass hand drawn hooks and eyes including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge.(a) 200mm	2.00	Nos		Each
31	Providing and laying Vitrified tiles in different sizes (thickness to be specified by manufacturer), with water absorption less than 0.08 % and conforming to IS 15622, of approved make, in all colours & shade, in skirting, riser of steps, over 12 mm thick bed of cement mortar 1:3 (1 cement: 3 coarse sand), jointing with grey cement slurry @ 3.3 kg/ sqm including grouting the joint with white cement & matching pigments etc. complete including carriage of materials in all leads and lifts as per directions of the Engineer-in-Charge. (i) Size of Tile 600x600 mm	16.23	Sqm	Per Square Metre	
					Total


 Executive Engineer,
 Shimla Division No.1,
 HP PWD Shimla-3.